

Section 2. Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

KNI-124-A

SERIAL NO.

09/613,362
09/032,284

APPLICANT

Matsumoto et al.

FILING DATE

26 Feb 1998

GROUP

1732

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---------------|---------------|-----------|-------|----------|-------------------------------|
| MJH | 5 0 1 3 5 0 0 | 05/91 | Hamanaka+ | | | A |
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | | English abstract |
|-----|-----------------|---------------------|-----------------------------|-------|----------|-------------|----|---------------------|
| | | | | | | YES | NO | |
| MJH | 5 1 8 5 4 0 8 | 07/93 | Japan | | | | | xxx |
| | 2 8 5 1 0 3 | 07/90 | Japan | | | | | xxx |
| | 2 3 0 7 7 0 7 | 12/90 | Japan | | | | | xxx |
| | 3 5 1 5 6 9 0 | 10/60 | Japan | | | | | xxx |
| | 1 9 9 8 0 1 | 04/89 | Japan | | | | A | |
| | 3 1 2 3 2 2 | 03/94 | Europe | | | | A, | in English |
| | 1 1 8 0 3 0 7 | 07/89 | Japan | | | | | xxx |
| | 6 0 1 5 4 0 0 4 | 08/85 | Japan | | | | | xxx |
| | 1 1 4 1 0 0 2 | 06/89 | Japan | | | | | xxx |
| | 6 2 4 2 8 0 5 | 02/87 | Japan | | | | | xxx |
| | 6 1 2 9 7 1 0 3 | 12/86 | Japan | | | | | xxx |
| MJH | 5 1 4 7 9 0 3 | 04/76 | Japan | | | | | xxx |
| | 1 1 3 1 5 0 8 | 09/89 | Japan | | | | | xxx |

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication**)

EXAMINER

Michael R.

DATE CONSIDERED

7/24/04

EXAMINER: Initial citation considered. Draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.

10650 U.S. PTO
09/613362
07/10/00

A: corresponding applications in Japan, Europe, U.S.

Section 2. Form PTO - 1449 (Modified)

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) | ATTY. DOCKET NO. KNI-124-A | SERIAL NO. 09/013,362 09/032,284 |
| | APPLICANT Matsumoto et al. | |
| | FILING DATE 26 Feb 1998 | GROUP 1732 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---------------|---------------|----------|-------|----------|-------------------------------|
| MMJ | 4 1 6 0 0 0 3 | 07/79 | Kozuka+ | | | |
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | | English abstract |
|-----|-----------------|---------------------|-----------------------------|-------|----------|-------------|-------|---------------------|
| | | | | | | YES | NO | |
| MMJ | 1 2 4 4 8 0 6 | 09/89 | Japan | | | | | xxx |
| ↑ | 55 1 2 8 4 1 1 | 10/80 | Japan | | | | | xxx |
| | 1 1 8 6 3 0 3 | 07/89 | Japan | | | | | xxx |
| | 60 1 8 3 1 0 4 | 09/85 | Japan | | | | | xxx |
| | 3 6 2 5 2 6 | 09/91 | Japan | | | | | xxx |
| | 1 2 2 2 9 0 1 | 09/89 | Japan | | | | | xxx |
| | 4 9 4 5 1 0 8 | 04/74 | Japan | | | | | xxx |
| | 4 3 3 4 4 0 2 | 11/92 | Japan | | | | | xxx |
| | 6 2 9 9 1 0 | 01/87 | Japan | | | | | xxx |
| | 6 0 9 2 8 0 6 | 05/85 | Japan | | | | B | |
| | 1 4 0 6 8 2 | 05/85 | Europe | | | | B, in | English |
| ↓ | 5 8 1 8 2 0 7 | 04/83 | Japan | | | | C | |
| MMJ | 1 5 3 3 4 8 1 | 11/78 | Great Britain | | | | C, in | English |

OTHER DOCUMENTS (including Author, Title, Date**, Relevant Pages, Place of Publication**)

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| EXAMINER MMJ | DATE CONSIDERED 7/24/04 |
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B: corresponding applications in Japan, Europe
C: corresponding applications in Japan, Great Britain, U.S.A.

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(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Matsumoto et al.FILING DATE
26 Feb 1998GROUP
1732

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---------------|---------------|------------|-------|----------|-------------------------------|
| <i>MA</i> | 4 7 8 3 4 8 9 | 11/88 | Inoue+ | — | — | D |
| ↑ | 4 8 1 8 4 5 3 | 04/89 | Inoue+ | — | — | D |
| ↓ | 4 8 9 2 8 9 1 | 01/90 | Close | — | — | E |
| <i>MA</i> | 4 8 6 7 6 6 2 | 09/89 | Shimahara+ | — | — | F |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION YES NO | English abstract |
|-----------|-----------------|---------------------|-----------------------------|-------|----------|-----------------------|---------------------|
| <i>MA</i> | 63 3 1 0 7 7 6 | 12/88 | Japan | — | — | | xxx |
| ↑ | 5 5 4 4 9 6 | 08/93 | Japan | — | — | D | |
| | 1 9 4 7 5 7 | 09/86 | Europe | — | — | D, in English | |
| | 3 5 0 5 7 5 0 | 12/91 | Japan | — | — | E | |
| | 9 0 0 6 3 3 1 | 06/90 | PCT | — | — | E, in English | |
| | 3 7 2 8 7 1 | 06/90 | Europe | — | — | E, in English | |
| | 63 2 0 2 4 0 7 | 08/88 | Japan | — | — | F | |
| | 5 7 1 5 2 3 | 10/93 | Japan | — | — | | xxx |
| | 3 5 3 3 3 9 | 08/91 | Japan | — | — | | xxx |
| | 5 9 3 6 1 4 1 | 02/84 | Japan | — | — | | xxx |
| <i>MA</i> | 63 2 8 8 7 0 5 | 11/88 | Japan | — | — | | xxx |

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

D: corresponding applications in Japan, Europe, U.S.
E: corresponding applications in Japan, PCT, Europe, U.S.
F: corresponding applications in Japan, U.S.

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SERIAL NO.

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09/032,284

APPLICANT

Matsumoto et al.

FILING DATE

26 Feb 1998

GROUP

Unknown

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09/613362
07/10/00

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|-----|-----------------|---------------------|-----------------------------|-------|----------|-------------|-----|
| | | | | | | YES | NO |
| M81 | 1 4 9 8 0 3 | 10/89 | Japan | — | — | XX | XXX |
| ↑ | 6 2 2 6 6 5 7 | 06/87 | Japan | — | — | XX | XXX |
| | 5 8 9 3 6 | 02/93 | Japan | — | — | XX | XXX |
| | 5 3 9 9 7 2 | 06/93 | Japan | — | — | XX | XXX |
| | 5 4 3 7 3 3 | 02/93 | Japan | — | — | XX | XXX |
| | 5 3 4 5 8 3 5 | 12/93 | Japan | — | — | XX | XXX |
| | 2 1 5 3 6 5 | 04/90 | Japan | — | — | XX | |
| | 2 1 5 3 6 4 | 04/90 | Japan | — | — | XX | |
| | 2 1 7 3 2 8 | 04/90 | Japan | — | — | XX | |
| | 5 3 2 4 6 4 | 01/78 | Japan | — | — | XX | |
| M81 | 5 8 0 3 2 4 | 11/93 | Japan | — | — | XX | |

English
abstract
only

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

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EXAMINER

Michael Kue

DATE CONSIDERED

7/24/04

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| | | FILING DATE 26 February 1998 | GROUP 1732 |

INFORMATION DISCLOSURE
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(Use several sheets if necessary)
(37 CFR 1.98(b))

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09/613362
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|---------------|---------------|----------|-------|----------|-------------------------------|
| MA | 4 9 0 8 1 7 4 | 03/90 | Will | | | |
| | 4 8 0 1 6 2 4 | 01/89 | Will | | | |
| MA | 4 7 2 7 0 9 2 | 02/88 | Will | | | |
| | | | | | | |
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | | |
|----|-----------------|---------------------|-----------------------------|-------|----------|-------------|----|---------------|
| | | | | | | YES | NO | |
| MA | 63 2 0 2 4 0 7 | 10/88 | Japan | | | | | xxx |
| ↑ | 5 3 2 4 6 4 | 01/78 | Japan | | | English | | abstract only |
| | 5 9 4 2 6 9 8 | 10/84 | Japan | | | | | xxx |
| | 49 1 2 4 1 7 1 | 11/74 | Japan | | | | | xxx |
| | 2 1 5 3 6 4 | 04/90 | Japan | | | English | | abstract only |
| | 1 1 3 9 5 0 5 | 09/89 | Japan | | | | | xxx |
| ↓ | 2 9 9 6 0 6 | 08/90 | Japan | | | | | xxx |
| | 2 1 5 3 6 5 | 04/90 | Japan | | | English | | abstract only |
| MA | 2 1 7 3 2 8 | 04/90 | Japan | | | English | | abstract only |
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